Notebook, N-07-02-23.2

Feby 23 1907

5702. #64 flakes
Batch # 551 MiOH_2
One hundred tubes
10 Ni flake 0001. 24 Reg green
3½ CB coat. 1½ turn Spiral 4 Rings
21 Hole 005

These tubes are for Hatland to put up 2 in a grid to Gz used for testing irons —

Average sample of ten tubes taken for weight

Sent tubes filled 91.360
" " not " 20.922
10/ 70.438 / 7.043

5703 4 Minutes to load tube
J Lake #64
21 Hole 005 1½ Spiral 4 Rings
10 mg flake 0001 24 Regulon green
4 LB weight.

Single Tamps - John Ott to fix filling machine so it feeds every tamp.

Mt Spring Cracked end Cof 6.162

5704 Cracked end Cof 6.104

5705 Cof 6.267

$$3\overline{)18533}\quad 6178\quad 4.3246\frac{2}{3}$$

5706 Loaded tubes 1 min. 45 sec.

Drop of 5703 3 flakes #64

Single tamps feed every lamp but with 20 M flake 48 Rag green 4 lb Co Cot

Not Sprung.

5707 Wt 5.844

5708 Wt 5.809

Wt 5.650

3 | 17303

5768

40376

5709 Loaded in 1 minn.
Dup of 5703 F. Lake #64.

Single lamps Cut with 40 flake-
96 Reg green
528 weight.

Nora have John Change back the
machine for Reg clear & Tamps

Mot Sprung Cracked end Wt 5.369

5710 Wt 5.326

5711 Wt 5.322

5712 Flake #64 1/2 Spiral

21 Hole 005 – 10 mi Flake 0001 –
24 Regmi & Rings – Run in 33%
with 100 milgrms sulphur in each
Cell –

not Sprung Cracked and LOF 6760

5713 Cracked and LOF 6,800

5714 Cracked and LOF 6,653

5715 - $1\frac{1}{2}$ Spiral

21 Hole 005 10 M f 0001 24
Red green H rim 90 21%
Containing 200 Milligrams of Cow
Sulphur - F Lather #64

Not Sporing. Cracked and Lot 6.569

$5715\frac{1}{2}$ Cracked and Lot 6.578

5716 Cracked and Lot 6.723

7 tubes
or 6 no. end in
How machine coded.

5717 Long 4 machine tubes
made in John Otts big
Machine 1½ spiral
21 Nafe 005 — 6 Rings —
put with 4 Irons in New
Long Coff when they come
Negatech leg Mixer Blake #68
Not Burning
Cracked end Lot 10.129
200 Off
5718 " " Lot 10.327
5719 " " Lot 10.245
5720 Lot 10.378
5721 " " Lot 10.299
5722 Lot 9.660
5723 " " Lot 10.205

5724 Dup of 5717 - #1813 labled

Except use green No wash
filtered dried low heat
Ralph used used up in
lot (med # 709 R.C.

5725	bracked end	cut	11.054 10.922
5726		cut	11.132
5727	bracked end	cut	11.265
5728	"	" cut	11.311
5729		cut	11.259
5730	"	" cut	11.113

5731 - #68 Flake

Dup of 5717 (used for Q # 708)

Except 1/2 wash not filtered

dried loess fr at long timber

5732	Cracked end.	11.018 11.020
5733		10.844
5734		10.983
5735		11.112
5736	Cracked end	11.127
5737		11.013

7 | 77117

11117

7

7.819

5775 21 holes 5/1000 stock 1½ Spiral
10 in flakes 24 reg. cream, 4 Rings
3½ lb wt. Run in 30% KOH containing
100 Milligrammes Flour of Sulphur each Cells

Nat Strong
Broadhead wt 6.871

5776 " " wt 7.008

5777 wt 7.017

5778 2 hole 5/1000 stock 1½ Spinal 10 Mi flakes 24 neg. green, 4 Rings 3½ lbs wt Run in 3% KOH with 250 Milligms of flour sulphur in each cell

Hot Spring

wt 6.927

5779 wt 6.793

5780 wt 6.858

5781 21 hole 5/1000 1½ Spiral
3½ Lbs nuts, 10% flaked 24 Reg green
4 Rings. Run in 33% KOH Containing
500 Milligms flows Sulphur each cell.

Not Sprung.
Cracked end wt 7.048

5782 " " wt 6.833

5783 wt 6.947

5784 2 holes 5/1000 stock 1½ Spiral.
3½ lbs wt. 4 Rings 10 in Flakes 24 grs
Run in 33% KOH. Containing
500 Milligms Sulphide of Mercury
Cinnabar finely powdered
each cell.

Not Spinning
Cracked Cold wt 6.997

5785 " " wt 6968

5786 " " wt 6970

5787 2 hole 5/1000 1½ Spiral
3½ lbs wt. 4 Rings 10 Mi flakes
24 Reg. Green. Runs in 33% KOH
Containing Metallic Arsenic
ground to fine powder,
500 Milligms each cell.

Wet Spring wt 7.111

5788 Cracked end wt 6.942

5789 " " wt 6.989

5790 2 Hole 5/1000 1½ Spiral.
3½ lb wt, 4 Rings 10 Mr. Plates 24
reg green. Run in 38% KOH.
Containing 500 Miligrammes
of one solid piece of Brimstone wt
powdered cadh cell.

Wt Spring
Bracket and wt 6.997

5791 " " wt 7.178

5792 " " wt 7.130

5793 21 hole 5/1000 1½ Spiral
3½ lb wt, 10 ½ flakes 24 screen
4 rings. 33% KOH Containing
500 milligms Oxide Mercury HgO
put in each cell (recently purified)

Wet Sprung
Cracked cell wt 7.085

5794 " " wt 7.291

5795 wt 7.256

5796 2 hole 5/1000 1/2 Spiral
3½ lb wt 10 ½ flake 24 reg grew
4 rings. 33% KOH, Containing
500 Milligms powdered Sulphide
of Calcium each cell.

Not Sprung
Cracked and wt 7.182

5797 wt 7.036

5798 Cracked and wt 7.060

5799 21 holes 5 1000 1½ Spiral
3½ lb wt. 10 Ni flakes 24 Kel green
4 Rings. 33% KOH Containing
500 Mil/gms finely powdered
Sulphides of Antimony in each cell.

Flakes #67

Hot Spring wt 7.190

5800 Cracked end wt 6.744

5801 wt 6.995

5802 24 hole 5/1000 1/2 Spiral 3 1/2 lb wt.
10 Ni flakes 24 reg green, 4 Rings
33% KOH with 500 Milligrammes
of finely powdered Selenium in
each cell. # 68 Flake

Mot Spinning
Crackle ind wt 6.774

5803 " " wt 6.698

5804 " " wt 6.620

5805 21 Hole 5/1000 1½ turn spiral
3½ lb wt. 10 min flakes 24 Reg. green
that had been soaked on hot table
in 33% KOH for 30 days + rinse
Knit regr 24% NaOH
For full particulars see 5805 - 5809.
hot Spring. #10 Flaked
wt 6.365

5806 bracketed end wt 6.149

5807 wt 6.089

5808 Two regular test cell cans
5809 each containing 40 grammes of
regular Nickel Hydrate through 20 mesh
all pieces in. with 175 cc of 33% KOH
also fitting tops put on them, the electrode
holes closed by means of the regular Ni plated
rods used upon products. These two cells
given to Hoopes to put on test track.
Evaporation of water to be compensated for
by addition of distilled water. One cell to
be run for 30 days the other until Mr.
Edison returns. After 30 days run
the one cell to be taken off all the potash
rinsed off, the Ni(OH)2 to be put in large bottle
for and washed free of KOH by distilled water,
dried and put up in cells #5805, 06, 07.
Your note given to Hoopes to copy for instructions

5810 21 Hole 5/1000 Spiral 1½ turns
3½ lb wt. 10 Ni flakes 24 rag screws 4 Rings
33% KOH. Put on Hot Test table
without current for one month, then
solution emptied out and 21% KOH put in
and runs on board 5 times + then hot tests
Gave Hooper full instructions
S. L. Clk gave Hooper rolls and explained.

Hot Spring. Cracked end wt 6.820

5811 Cracked end wt 6.814

5812 wt 6.584

I left off the connection wires or they could
not get current thru them. 9/24

Flakes #67

5813 ½ Hasks not filtered, dried low heat through 20 mesh. Rd. #707 used. 21 holes 5/0000, 1½ turn Spiral 3½ lb wt 10 hi flakes 24 green 4 Rings Runs in 27% Na OH containing 2. gms Caustic Lithia in each cell. Not Sprung Cracked end wt 7.702

5814 Cracked end wt 7.609

5815 wt 7.386

7 | 22697
7566
1
5.2962

5816 Duplicate of 5813 F. Labcott 67
Except run in 2.5% NaOH
with 2. gms Lanthic Lithia in each cell

Hot Springs

	wt	7.504
5817	wt	7.345
5818 Cracked end	wt	7.238

3)22.087
7.362
5.15 34

5819 Duplicate of #5813 5 Cakes #67

23% NaOH 2 gms Caustic Lithia in each cell.

Hot Spring
Cracked end wt 7.368

5820 wt 7.162

5821 wt 7.186

$$3\overline{)21.716}\quad 7.239\quad 7\quad 5.067^{3}$$

5822 Duplicate of #5813 Flake #67

21% NaOH 2 gms Caustic Lithia each cell.

Not Sparing. wt 7.406

5823 wt 7.391

5824 Cracked and wt 7.310

3 | 22107
7369
5.1583

5825 Duplicate of #5813 3 label #67
1970 NaOH. 2 gms Lauratic Lithia each cell.

Not Sprung
Cracked end wt 7.279

5826 " " wt 7.245

5827 " " wt 7.226

7 | 21 7 5 0
7 2 5 0
5.07 5 0

5828 Duplicate of #5813 Ft. Lake #67

17% NaOH

2 gms Caustic Lithia each cell.

Hot Spring.

wt 7.423

5829 wt 7.229

5830 wt 7.325

3 | 21977

4326

7

5.1282

5831 Duplicate of #5813 Filake #67

15% NaOH

2 gms Caustic Lithia each cell.

Hot Spraying

Cracked end wt 7.090

5832 wt 7.385

5833 Cracked end wt 7.177

$3\overline{)21.65}$

7.217

5.051

5834 Duplicate of #5813 Filled with 67

13% NaOH

2 gms Caustic Lithia each cell.

Not Sparking. wt 7.1225

5835 Cracked end wt 7.386

5836 " " wt 7.483

3|22094
7365
5.1555

5837 Duplicate of #5813
Slabee #67
11% NaOH with 2 gms Caustic Lithia
each cell.

Not Sparing
Cracked end wt 7.342

5838 wt 7.399

5839 Cracked end wt 7.293

5840 Duplicate of #5813 Blake #67
9% NaOH
2 gms Caustic Lithia each cell.

Not Sprung.
Cracked end wt 7.262

5841 " " wt 7.383

5842 " " wt 7.296

5843

5844

5845

5846 Duplicate of 5813
Except 2.7% KOH and 2 gms
Caustic Kithia each cell.
Flake #67
RA #708 Large bottle

Mt Spring
Cracked end wt 7.338

5847 wt 7.353

5848 Cracked end wt 7.517

3 | 22208
7403
5.1821

5849 duplicate of 5813 Flake #67
25% KOH 2 cyns LiOH each cell

Hot Spring.
Cracked Ind wt 7.423

5850 " " wt 7.483

5851 " " wt 7.375

3)22281
7427
5.1989

520/1560/27
1040
2600

5852 Duplicate of 5813

23% KOH, 2 gms Li/H each cell.

Nf Spring wt 7.408

5853 Cracked end wt 7.489

5854 wt 7.549

$$3\overline{)22446}\quad 7482$$

$$5237\tfrac{4}{3}$$

5855 Duplicate of #5813
21% KOH, 2 gms LiOH each cells.

Mt Spring wt 7.527

5856 bracket end wt 7.441

5857 " " wt 7.421

22389
3 | 7463
7
5224 1

5858 Duplicate of #5813
19% KOH, 2 gms LiOH each cell.

Mat Spring. wt 7.429

5859 Cracked end wt 7.546

5860 " " wt 7.488

$3\overline{)22463}$
7488
5.241

5861 Duplicate of #5813
17% KOH, 2 gms LiOH each cell

Mt + Spring wt 7.343

5862 wt 7.351

5863 Cracked end wt 7.411

$$3\overline{)22105}\quad 7368\quad 7\quad 5.157\overline{6}$$

5864 Duplicate of #5813
15% KOH, 2 gms LiOH each cell.

Nut Sparing
Cracked end wt 7.250

5865 wt 7.458

5866 Cracked end wt 7.525

22233
3 7411
7
51877

5867 Duplicate of #5813
13% KOH, 2 gms Li OH each cell.

Wt Spring Cracked Ind wt 7.573

5868 wt 7.539

5869 wt 7.586

3 | 22698
7566
5.2962

5870 Duplicate of #5813
11% KOH, 2 gms LiOH each cell

Nat Spring wt 7.370

5871 wt 7.566

5872 Cracked end wt 7.504

9 | 22440
74 80
5236

5873 Duplicate of #5813
7% KOH, 2 gms LiOH each cell.

Wt Spring
Cracked end wt 7.542

5874 wt 7.565

5875 wt 7.566

$$3\overline{)22673}\quad 7558\tfrac{1}{3}$$

$$5.29\tfrac{1}{0}6$$

5876 Tubes for Hollands. Flake #67
21 Holes 51000 1½ turns spiral
4 Rings 3½ lbs wt. ½ wash wt
filtered, dried low heat, through
20 mesh, 27% Caustic Soda
RQ # 707 med.

Cracked end wt 7.639
not Sprung.

5877 Cracked end wt 7.672

5878 " " wt 7.589

5879 Duplicate of 5876 used #67 Flake out this group.
25% NaOH.

Hot Spring bracketland wt 7.640

5880 " " wt 7.486

5881 " " wt 7.436

5882 Duplicate of #5876

23% Caustic Soda.

Mt Spring Cracked end	wt	7.669
5883 " "	wt	7.664
5884 " "	wt	7.715

5885 Duplicate of #5876.
2% Paustic Soda.

Mot Sporung Cracked end wt 7.598

5886 " " wt 7.758

5887 " " wt 7.738

5888 Duplicate of #5876
19% Caustic Soda.

Not Sparing. wt 7.776

5889 Cracked end wt 7.680

5890 " " wt 7.710

5891 Duplicate of #5876
17% Caustic Soda.

Not Sprung. wt 7.628

5892 Cracked end wt 7.698

5893 " " wt 7.545

5894 Duplicate of #5876
15% Caustic Soda

Net Sparing.
Cracked End wt 7.725

5895 " " wt 7.731

5896 " " wt 7.651

5897 Duplicate of #5876
13% Caustic Soda.

Wt Sprung. wt 7.594

5898 wt 7.596

5899 Cracked end wt 7.691

5900

5901

5902

5903

5904

5905

5906
21 Holes 5/1000 1½ Spirals 3½ lbs wt.
4 rings 10½ flakes 24 Reg greens.
Before running on boards reverse the nickel tube against the saw 3 hours at 200.
then connect up iron and run regular
P.S. Let Hooper copy instructions from the note.
Mat Spinning #6 Flakes.
wt 6.557

5907 wt 6.592

5908 Cracked end wt 6705

5909 Flake #67 R.Q. #708 ½ Wash
21 Hole 5/1000 1½ Spiral 3½ lb wt.
4 Rings 10 Cobalt flakes 0001 - 24 green
½ wash not filtered, dried low heat
Run in 2190 Regular.

Not Sprung:

	Cracked end	wt	7.438
5910		wt	7.890
5911	Cracked end	wt	7.836

5912

21 Holes 5/100 1½ Spiral 4 Rings
3½ lb wt. 5 Nickel flakes ½ thickness
24 grew ½ wash, wt filtered, dried low heat.

Wt Spring
Cracked end wt 7.081

5913 " " wt 7.226

5914 wt 7.191

3 | 21498
7166
827
5016 2
4332
1328
57
5.972

5915 Duplicate of #5912
Except 4 lb weight.

Wt Sprung. wt 7.251

5916 Cracked end wt 7.313

5917 wt 7.271

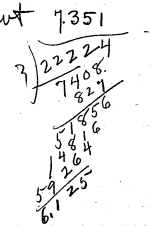
$$3\overline{)21835}$$
$$7278$$
$$827$$
$$5096$$
$$1455$$
$$58224$$
$$6.017$$

5918 Duplicate of #5912
Except 4½ lb. weight.

Not Sprung
Cracked end wt 7.424

5919 " " wt 7.449

5920 wt 7.351

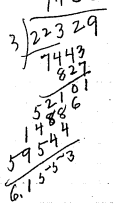


5921 Duplicate of #5912
Except 5 lb. weight.

Mot Spring. wt 7.436

5922 bracked end wt 7.457

5923 " " wt 7436



5924 Flake #67
21 Hole 5/1000 1½ Spiral 10 in flake
24 green ½ Washs, not filtered, dried
low heat. 4 Rings 3½ lbs wt.

10 grms Potassium Chloride
in each cell.
Wt Spring

wt 7.526

5925 Cracked end wt 7.531

5926 " " wt 7.512

3 | 22569
7523
7
5.2661

5927 Duplicate of #5924
except 4 lb wt.
Flake #67

Wt Spring. wt 7.679

5928 Cracked end wt 7.673

5929 " " wt 7.621

5930
21 Hole 5/1000 1½ Spiral 3½ lb wt.
4 finger 10 th flake 24 reg screw.
After 5 runs put on ~~hot~~ test
Reversed all the time for 50 Runs.

Wt Spring # 68 Fr flaked
wt 6.640

5931 wt 6.702

5932 bracket end wt 6.528

19870
3
6623
46361

5933 Duplicate of #5930
Except in place of regular iron use as chemical plate, nickel strip
Reverse charge and discharge for
50 Hot mins.

Ex Label #68

Hot Spring wt 6.530

5934 wt 6.386

5935 Cracked end wt 6.473

5936 Duplicate of #5933 Is label #68
But assemble it with
3457 + 3458 Throw as soon as
Holland is through with them
after 5 runs on board run it
reversed continuously for 50 hot runs.

Not Spring wt 6.650

5937 Duplicate of #5933 Bu# Lake #68
Bu# assembles with iron
#3475 + 3476 as soon as
Holland is through with them
Runs 5 runs on board, + then
charge + discharge 50 runs hot
continuously.

Hot Spring wt 6.6.55

5938 21 Hole 5/1000 1½ spiral 3½ lb wt, 4 Rings 21 oz containing 250 Milgms Glycerine each cell.
Flake #68

Net Spring Cradled and wt 6.402

5939 " wt 6.459

5940 " " wt 6.402

3 | 18261
6087
1
4,2609

5941
21 Hole 5/1000 1½ Spiral 3½ lb wt
4 things Reg green. Runs on board
5 strikes, taken runs 50 Hot runs
reversed continuously in
19% KOH Ft Lake #65
Mt Spring wt 6.555

5942 wt 6.651

5943 wt 6582

3 | 19791
6597
4,617

5944 Duplicate of #5941
Except use 17% KOH.

Flask # 68

Wt Spring wt 6.626

5945 Cracked end wt 6.559

5946 wt 6.607

3)19772
6597
4.6179

5947 Duplicate of 5941
Except use 15% KOH.

Glaber #6

Not Sprung	wt	6.578
5948	wt	6.593
5949	wt	6.574

5950 Duplicate of #5941
Except use 17% NaOH.

Filed with #68

Mt Spring wt 6.660

5951 bracket end wt 6.604

5952 wt 6.635

5953 Duplicate of #5941
Except use 15% NaOH.

Lab # 68

Left Spring Bracket end wt 6.653

5954 " " wt 6.570

5955 wt 6.617

5956 Duplicate of #5941
Except use 13% NaOH.
Flaker #68

Wt Sprung wt 6.574

5957 Cracked end wt 6.598

5958 " " wt 6.608

5959 21 Holes 5/1000 1½ spinal 3½ lb-wt 4 Rinse ½ Wash, not filtered, dried low heat Strips cut 80/1000 wide 24 green 10 ti flakes. Through 15 Mesh.

wt

5960 wt

5961 wt

5962 Duplicate of 5959
Except 3 flakes stripes cut 100/1000
wide. Through 15 Mesh.

cut

5963 cut

5964 cut

5965 Duplicate of #5959
Except flake strips cut 120/1000
wide. Through 1st mesh.

cut

5966 cut

5967 cut

5968

21 Hole 5/1000 1½ Spiral 3½ lb wt
4 Rings 10 flakes 24 green ½ Wash, wet
filtered, dried low heat, put under
Bell jar with wet sponge for 48 hrs.
to allow green to absorb water.

wt Spring

#68 Flakes

wt 7.430

5969 wt 7.398

5970 wt 7.416

3)22244

7415

5.1905

5971

21 Hole 5/1000 1½ spiral 3½ lbs wt
4 rings 10" flexible strips wt. 60/1000 wide.
24 green ½ Wash, not filtered, dried low heat.

Mill Spring wt 7.076

5972 bracketed wt 7.112

5973 " " wt 6.981

5974 Duplicate of #5971
Except put green through 60
mesh fines all in.

Mt Spring Bradkedwell	wt	7.323
5975	wt	7.189
5976	wt	7.259

5977 Duplicate of #5971
Except put green through 100 Mesh
fines all in!

Mt Spring.
Cracked and wet 7.462

5978 " " wt 7.384

5979 wt 7.214

5980 #1 6 & 7 Lakes
R. Arbogast #710 Mass action green
10 Ni flakes 2 ft green 21 Hole 5/1000
1½ Spiral 3 ft wt 4 Rings
2 Washers, flattened, dipped high heat
Hot Sprung.

wt 6.407

5981 wt 6.613

5982 wt 6.425

5983

5984

5985

5986

21 Hole 5/1100 1½ Spirals 3½ wt
4 Rings 24 Regular Diaphite Mix
7 Reg thin flakes

#68 Flake

Wt Spring wt 6.851

5987 wt 6.822

5988 wt 6.856

5989

21 Hole 5/1000 1½ Spiral 3½ lb wt. 4 Rings ½ wash, wt filtered dried low heat Rings to fit tight, and to be pushed on very hard with a tool from collet

Put on with ring machine

Nut Spinning #68 Flake wt 7.181

5990 Bracket end wt 7.208

5991 " " wt 7.260

3 | 21 6 4 9

7 2 1 6

5 0 5 1 2

5992

21 Holes 5/1000 1½ Spiral #68 Flakes 3½ lb wt + Rings ½ Washs, not filtered dried low heat 21% KOH 2 gms LiOH each cell. To be run by Hooker 4 times on board, are to be given to Holland to test for Efficency & Storage.

Mit Spring wt 7.222

5993 wt 7.128

5994 wt 7.018

7 | 21.368

7.123

4.9861

5995 Duplicate of #5992
Except 17% KOH + 2 gms LiOH each cell.
For Holland after Hooper is through with them.
4 irons for tubes

#685 F cases

~~1 of 5 Sponge~~ Cracked end wt 7117

5996 " " wt 7.086

5997 wt 7116

3 | 23169
7106
49747

5998 Duplicate of #5992
Except 13% KOH
2 gms Li OH each cell.
For Holland after Hoopes is through with them.

Wt Spring

#68 Tilaloe

wt 7.089

5999 wt 7.046

.6000 wt 7.149

3 | 21284
7095
41665

6001 Duplicate of #5992
Except 21% NaOH + 2 gms LiOH
each cell.
Jim Holland after Hooper is through with them.

#68 Flake

Nat Spring wt 7.280

6002 Cracked end wt 7.305

6003 " " wt 7.218

6004 Duplicate of #5972
17% NaOH 2 gms 2 OH each all
Ford Holland after Hooper is through with them.

#68 Flasks

Hot Spring wt 7.139

6005 wt 7.190

6006 wt 7.100

3 | 21429
7143
51001

6007 Duplicate of #5992
13% NaOH 2 gms LiOH each cells.
For Holland after Hooper is through with them.

#685 flake

Hof Spring Cracked end wt 7.115

6008 " " wt 7.137

6009 " " wt 7.014

3 | 21266
7089
4.9623

A6010 #68 flake
R.A.#871 Fe expa. Selfheated 5% HgO.
with two nickel tubes reg
for endurance tests. 2 Holes 5/100 @ 1½
spiral rings. 10 ni flakes 2 reg green. 3½ lb wt
5 gms Fe pocketa Mr. Edison asks for
2 Fe #862 R.A. says the above two are
better as he went with Mr Edison about them
Mot. Spring. wt 6.405

A6011 wt 6.435

Sell Hooper to be run on endurance
tests hot.

A6012, Duplicate of #6010

Not Sparing wt 6.582

A6013 wt 6.392

AG114 duplicate of #6010
Except #8710 Fe exp. now Pyro 5% HgO

#68 flake

not Sp-mug wt 6.546

AG015 wt 6.452

A6016 Duplicate of #6014

#68 Flake

Hot Spring wt 6.614

A6017 wt 6.541

6010

21 Holes 5/1000 1½ Spiral 3½ lbs wt
4 Hours ½ Wash, not filtered dried low heat
through 30 mesh finks all in.

≡ 7088 mud

#40 Flaked

Hot Spring
Cracked end wt 7.245

6011 wt 7.152

6012 wt 7.187

3 | 21.584
7.195
5.036

6013 Duplicate of #6010
Except ~~of~~ ground through 40 mesh 3½ lbs wt.

#70 Flaked

Mft Spring
Ground and wt 7.250

6014 wt 7.013

6015 wt 7.096

6016 Duplicate of #6010
Except screen through 50 mesh 3½ lb wt.

		#70 Y Lab
Wt Sprung bracket end	wt	7.147
6017	wt	7.249
6018 "	" wt	7.305

6019 Duplicate of #6010
Except grew through 60 mesh 3½ lb wt.

		#705 plate
11# Spring bracket left	wt	7.314
6020	wt	7.135
6021	wt	7.214

6022 Duplicate of #6010
Except green through 80 mesh 3½ lb wt.

		#70 Flaked
1.# Sperry Brad Ford	wt	7.265
6023	wt	7.070
6024	wt	7.019

6025 Duplicate of #6010
Except green through 100 mesh 3 lbs wt

		#40 Flaked
1st Sprung Cracked Jewel	wt	7.004
6026	wt	7.065
6027	wt	6.928

6028 Duplicate of #6010
Except green through 180 mesh 3½ lbs. wt

wt

6029 wt

6030 wt

Green would not feed out of hopper, and when it would feed it would not drop as if it rebelled into the slide.

6031 Klupfanta pk #6010
Except green through 20 mesh 4 lb wt.

1st Spring. #70 Lake

	wt	6.857
6032	wt	6.904
6033 Bathhead end	wt	6.961

6034 Duplicate of #6010
Except green through 25 meshes 4½ lb wt.

Alt Spring	#70 Flakes.	
	wt	7.057
6035	wt	7.025
6036	wt	7.050

6037 Duplicate of #6010
Except ground through 20 mesh 5 lb. wt.

		#70 Flaked
Hot Spring	wt	7.170
6038 Bradford mud	wt	7.168
6039	wt	7.091

6040 Duplicate of #6010
Except screw through 40 mesh 4 lb. wt.

		#70 Blaked
Hot Spring.	wt	7.214
6041	wt	7.219
6042 Bradley end	wt	7.226

6043 Duplicate of #6010
Except green through 40 mesh 4½ lb wt.

#70 Flaked

Lt Spring wt 7.313

6044 wt 7.315

6045 Bracket end wt 7.335

6046 Duplicate of #6010
Except graded through 4 mesh 5 lb wt.

#70 Iola

1 lit Sprung Cracked end wt 7.378

6047 " " wt 7.680

6048 " " wt 7.679

6049

24 Hole 5/16" 1½ Spiral 3½ Elb. w/ 4 Rings
10% Flakes 24 hr. ½ washed w/ filtered dried bubbled
2% KOH Containing 2 gms Caustic Caesium
to each cell
Used Bothe to make the spec. sol. and see
that they are Caustic and not Carbonated.
Int Sp. ~~mm~~ #70 F Flakes
Bothe Det. wt 7.062

6050 wt 7.031

6051 wt 7.016

6052 Duplicate of #6049
.21% KOH containing 2 gms Caustic Rubidium on Rd. each cell
Use Bottle to make spec. Sol. see 6049

Not Spinning	wt	#% Flake 7.010
6053	wt	6.873
6054	wt	6.886

6055 Duplicate of #6049
21% KOH containing 2 grammes of Beryllium
Hydroxide to each cell.
Wm Brothers to make the spec. sol.
see 6049.

Mc Spruing.	Wt	#70 Flaked 6.905
6056 Cracked ends	Wt	6.936
6057	Wt	6.975

6058 Duplicate of #6049
Except-2% KOH Saturated with
Lithia Hydroxide LiOH each cell.

Ask Brother to make the specs.
See 6049

		#70 Ti tabs
Not Spinning Cracked End	wt	7.031
6059	wt	6.908
6060 Cracked end	wt	7.400

6061 Duplicate of #6049
Except 15% to H_2O. Saturated with
Li_2O. each cell

Used to the to make the spec Sol.
I told the Brother about the Spec. solutions
and the pen et he can put in the cell each run.

Hot Spring. #70 Tahoe
MH 7.392

6062 Cracked end MH 7.592

6063 MH 7.110

6064
3/ Holes 5/1000 1/2 Spiral 3 3/4 lb wt 4 rings
P.A. 7.0 Rinse wash - not filtered dried
high heat. Mass Action

		# 70 Flake
Hot Spring	wt	7.312
6065	wt	7.332
6066	wt	7.288

6067 Duplicate of #6064
R.Q. 710 Mass Action. Ether washed, filtered dried high heat.

#70 Flaked

1st Sparing

Cracked cold wt 6.740

6068 " wt 6.658

6069 " " wt 6.640

6070 Duplicate of #6064
K.A. #70 Mass Action. 2 washes, not filtered, dried high heat.

		#70 F Kalbe
Hot Spring	wt	6.471
6071 Cracked end	wt	6.244
6072	wt	6.615

6073 Duplicate of #6064
R.Q. #710 Mass Attrition. 2 Washed, filtered, dried low-heat.

		#70 Flake
1st Spring.	wt	6.674
6074 Cracked end	wt	6.643
6075.	wt	6.686

6076 Duplicate of #6066
#7 Ag Amberwash, with filtered dried low heat Mass Action

Hot Spring Graisselland #7 Glass wt 7.067

6077 " " wt 7.084

6078 wt 7.149

6079 (duplicate of # 6064)
R.A. #710 Half wash, filtered dried low heat, Mass Action.

Hot Spring	#70 Ft Lake wt	7.888
6080	wt	7.908
6081 Cracked end	wt	7.980

6082 Hydrolicate of #6064
R.A. 7/9 Mc Dougall, filtered dried high heat, Illinois Method.
R.S. Had to screen almost all the fines out before I could get it to feed, or drops from slide.

Wt Sample Cabbage feed/feed. #1 16 oz Label wt 6.855

6083 " " wt 6.696

6084 " " wt 6.652

6085 Hyalella azteca pf #6064
RA #710 Mossy Action, Half wash, unfiltered
dried low heat

Art Structures	Braskett and	unf	#707 Flakes	7.086
6086	"	"	unf	7.026
6087			unf	7.094

6088 Duplicate of #6064
R.Q. #70 Clay, washed, filtered, dried low heat. Mass Action.

Hot Spring.	#70 Fl. Lake	
	not	6.456
6089	not	6.468
6090	not	6.476

6091

21. Hole 5/1000, 1½ spiral 3½ wt 4 Rings
Half wash, not filtered, dried low heat
10 Mt flakes 24 green.
Scrached through 20 on 30 mesh
nothing finer than 30 mesh.
Rings put on by machine

Mt Sterling Blacksand Sand — wt 7 0 F lake 6.948

6092 — wt 6.970

6093 — wt 6.937

6094 Duplicate of # 6091 Except
green screened through 15 mesh, and
on 30 mesh, nothing finer than 30 mesh.
-Rings put on by machine

1st Spinning # 70 Flake
Annealed and wt 7.001

6095 " " wt 6991

6096 wt 6992

6097
21 Hole 5/1000 1½ Spiral 3½ lbs wt.
1 Rings 2½ in flated ¼ thickness
through 20 width. 24 green through 20 mesh
½ Width, wt filtered, bright low light

wt

6098 wt

6099 wt

6100 Duplicate of #6097 But
4 lb weight

wt

6101 wt

6102 wt

29 | 240 (827
23 | 24 | 03
8 | 3 | 0
2 | 0

6103

21 Holes 5/1000 1½ spiral 4 lb. wt. 4 Rings ½ Wash wt + filtered, dried low heat 5 Ni flake ½ thickness. 24 green through 20 mesh fine sinter. 21% KOH. 2 gms Lithia Hydroxide. each cell.

Rings put on with ringsmachine

Nut Spring Cracked end wt 6.916

6104 wt 6.941

6105 wt 6.786

3 | 20643
6881
827
48 | 167
3768
1 | 04
5 5 8 7
5,6905

6106 Duplicate of #6103 But 15% NaOH. 2 grms LiOH each cell.

Rings put on with machine
Wt Sprung
Cracked end Wt 6.865

6107 Wt 6.931

6108 " " Wt 6.826

$$3\overline{)20.6222}$$
$$6874$$
$$827$$
$$4811\,8$$
$$1\,3748$$
$$54992$$
$$5.68479$$

6109, 15% KOH. 2 gms LiOH each cell. Duplicate of #6103 Except

Rinse part out with machine.
Not Strong.
Cracked Lead not 6.750

6110 " " not 6.682

6111 not 6.760

3 | 20192
6731
827
47117
4612
1348
53848
5.5665

6112 Duplicate of #6103 Except 10% NaOH. 2 gms H_2O each cell.

Rinse part one with machine.
Mat Spring.
Cracked cell wt 6.901

6113 " " wt 6.729

6114 wt 6.792

3 | 20422
6807
827
4764
1361
13456
54456
5 | 16293

6115 21 Hole 005 - 3½ lbs 4 Rings 1½ spiral -
Ra 710 Mass action.
½ wash, filtered, dried
high heat, 10 flasks 24 grams
Mist Spinning Wet 8.322
#70 Filter

6116 Braided end Wet 8.242

6117 " " Wet 8.128

1½ spiral

6118 21 Hole .005 – 3½ wt 4 rings
10 off in 24 grain
Ra 710 ½ wash wet
fulled) dried high heat.
Means action!
Wet Sprung Expelled end Wt 7.309

6119 Wt 7.223

6120 " " Wt 7.202
#70 Lake

6121 21 Hole 005 — 1½ Spiral 3½ Cut
4 Rungs 10 flank 14 24 green
RA 710 - Two washers not
flattened drive down on end
Mass action —

Wt 6,388

6122 Wt 6,413

6123 Wt 6.325
Mt Spring #70 Flake

RA 710 No wash flaked
Dried low heat
Loose dirt fixed —

6124 ~~21 Rafe~~ Dup 6121 —
RA 710 - No wash, mat flaked
dried low heat - 10 flakes 24 grain
Mow action
Lot 7.091

6125 Lot 7.256

6126 Lot 7.296
Not Spring #707 Rake.

6127 Long tubes
21 Holes 5/1000 1½ Spiral
Made in big machine.
31 green U.R.A. #7.09 ½ wash, filtered,
dried 4 hours heat. 10 hr flakes.
21% R.H.
Wt Spring

#70 Flake
wt 9.086

6128 wt 8.984

6129 wt 9.096

3 | 27166
90552
25
45275
63850
6.179

6130

21 Hole 5/1000 1½ Spiral 3½ lbs wt
4 Rings 24 Reg screw 10 Hi Flake.
Num 7J9KOH Flake 70
To be given to Holland to test.
To put with two charged irons.
Int Spring
bracket end wt 6.582

6131 " " wt 6.582

6132 Duplicate of #6127
21 Hole 5/1000 1½ spiral.
Big machine long tubes

Wt Sprung
Cracked ends
#7 Flakes
wt 8.872

6133 " end wt 8.914

6134 wt 9.054.

6135 Duplicate of #6130
Except assemble with two
irons that have not been put
in KOH To be given to Holland
Run in NaOH 15%

Wet Spinning #70 Flake
wet 6498

6136 Crackedend wet 6635

When new packer is OK

6137 21 Hole 005 1½ spiral 3½ wt 4 Rings
½ wash not filtered, dried low heat,
10 flake 24 grain
21% KOH containing 2 grms
Lithia hydroxide each cell and
One Gram of Metallic Aluminum
dissolved in KOH in Each cell.
Wt Sprung #7 of 7 plates
Welded ends Wt 8.015

6138 " end Wt 7955

6139 " ends Wt 7952

6140 Dup of 6137

Except. 15% NaOH, 2 grams Li OH + 1 gram aluminum each coff.

Not Sparking #70 Kyhow Coff 7.959

6141 Coff 8.030

6142 Coff 7.760

6143. Dup of 6137

Except 21% KOH, 2 grms LiOH, & 500 Milligrammes Aluminium dissolved in each cell —

Not Sparing + 70 Flakes Wt 7.926

6144. Wt 7.931

6145 Cracked and Wt 7.951

6146 – Dup. 6137

Except 15% NaOH, 2 grms Li_2OH
+ 500 mily Aluminum —

[Ref] Sperry Practical End Wt 7.939 #703 Index

6147 " Wt 7.989

6148 – " " Wt 8.040

6149 = Dup of 6137
Except 21% KOH, 2 grms LiOH
+ one gram of Iodide of Potassium

1st Spinning #707 Rafael Wt 8.042

6150 Cracked end Wt 8.018

6151 " " Wt 7.981

6152

Flat pockets 3.2 grams Regular graphite mix — 21% KOH, 2 grams Lithia hydroxide each cell,
To be run for endurance on hot test
20 runs each time —

6153
6154
6155
6156

6157. Dup of 6152
5 packets. 15% NaOH.
2 grams LiOH, Smallcell

6158
6159
6160
6161

6162 Drop of 6152

Except. 21% KOH, 2 grms $LiOH$, & One gram of Metallic Aluminum dissolved in Each Cell.

6163 ✓
6164
6165
6166

6167 Dup of 6152

Except 15% NaOH 2 grams LiOH, & one gram metallic Aluminum dissolved in each cell—

6168
6169
6170
6171

6172

Dup of 6152
21% KOH, 2 grms LiOH,
250 milligrammes metallic
Aluminum dissolved in cathcell

6173
6174
6175
6176

6177- Dup 6152

15% NaOH, 2 grams LiOH,
250 Milligrams Metallic Aluminum
dissolved in each acid

6178
6179
6180
6181

6182 Dup of 6152

21% KOH, 2 grams LiOH,
One gram Iodide of
Potassium

6183
6184
6185
6186

6187 – 21 Hak 005 – 1½ Spiral 3½ wt 4 rings
½ wash not (citric) dried low heat.
21% KOH. 5 grammes freshly precipitated
Oxide of Mercury each cell.
Wt Spring #70 3 holes
Broke end wt 7.635

6188 " " wt 7.652

6189 wt 7.654

3 | 22941
7647
7
5.3529

6190 Dup 6187

15% NaOH.

5 grams freshly precipitated Oxide Mercury each cell -

Hot Spring #70 Flake Lot 7.707

6191 Lot 7.707

6192 Cracked end Lot 7.714

3 | 23 | 28
7709
7
5.3 | 96 | 3

6193 Dup 6187
21% KOH.
2 grms Li OH -
5 grams freshly p.c.c. ptfe's + CoOxide all necessary
Not Spinning #7.3 label Lot 7.608

6194 Lot 7.627

6195 Lot 7.630

3 | 22865
76227
5.3354

6196 Dup 6187

15% NaOH.

2 grams 2.0%.

5 grams freshly precipitated Oxide Mercury

Hot Spring #70 Flask Wt 7.555

6197 Wt 7.559

6198 - Wt 7.610

3 | 22.724

7.573

53 | 02.5

6199 Dep 6187

21% KOH.

3 grams freshly precipitated Ferrous hydroxide - don't let it oxidize To Ferric more than you possibly can help

Prof Sperry #70 Flasks

Temp ± .0025 smaller. Wt 8.116

6200 Wt 8.011

6201 Cracked end Wt 7.994

3 | 27121
8040
5,1628

6202 Dup 6187

21% KOH

2 grams LiOH.

3 grams freshly precipitated ferrous hydroxide not oxidized more than passing air can help —

Spring 7.70 Flat Rings .002/5 smaller Wt 7.865

6203 Wt 8.092

6204 Wt 8.038

3 | 23.995
7.998
5.3 9986

6205 21 Hole 005" 1½ spiral 3½ wt 4 rings
~~No~~ No 2 green 24 grain 10 ft-
New filler with rotary arms in flake Hopper
Reg 21% ROH No 1 position Reg
Wt Spring #70 F Lehigh 0025 smaller Wt 7.966

6206 Cracked end Wt 8.010

6207 Wt 8.044

3 | 24 020
8006 ⅔
5.6042

10 degrees to Right of Zero -

" "

5.60

6208

Dup 6205

No 2 portion flake fillet -

Nat Spruce #70 Flake rings .0825 smaller. COT 8.044

6209 COT 8.031

6210 cracked end COT 7982

3 | 24057
8017
5.673

20 degrees to Right of Zero

5.61

6211 Dup 6205

No 3 position flake feed

Net Spinney #783 Caliber .025 annular rings
#71 Feed Cut 7.903

6212 Crashed #783 flake Cut 7.292

6213 " " " Cut 7.347

9 | 22.542
7514

30 degrees to Right of Zero

.7514
7
5.2598

6214 Dup 6205

No 4 position.

Not Spring #78 Flake rings .0025 smaller

Cof 7.378

6215 Cof 7.286

6216 Cracked end Cof 7.384

$9\overline{)22048}$

$\frac{7349}{5543}$

40 degrees to right of Zero

5.15

6217 Dup 6205

No 5 section –

Mt Spring #78 Glaciers, ring 0.025 smaller

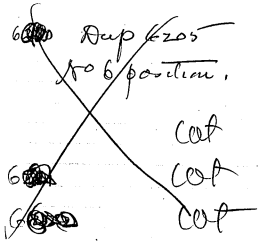
COP 7.327

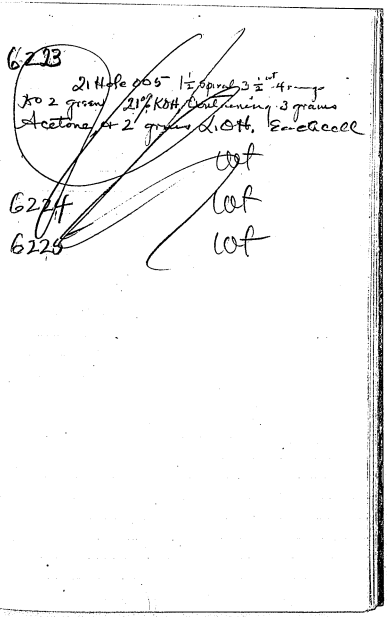
6218 COP 7.413

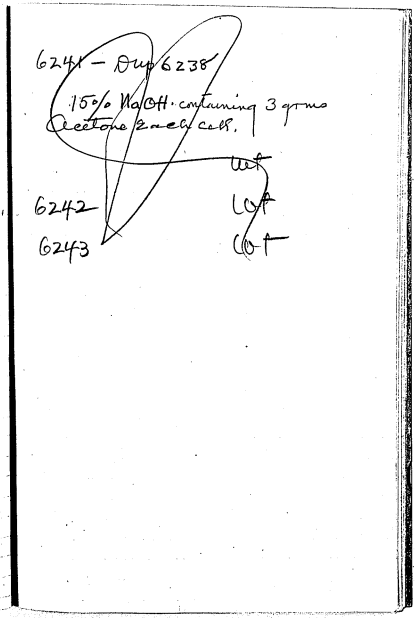
6219 COP 7356

22096

50 degrees to Right of Zero


Dup 6205
no position.
cat
cat
cat


6223
21 Hole 065" 1½ spirals 3 ½" 4 r
to 2 grams 21% KOH 1 ml containing .3 grams
Acetone at 2 grams 0.10 Hb. Ea-eQcell
lost
6224
lost
6225
lost


6241 – Dup 6238
15% NaOH containing 3 grms
Acetone 2 mls cells.
6242
6243

6220 21 Hab cast 1½ spiral 3½ wt 4 rings
.402 grain 10 of 24 grain
21% KOH, 3 grains Acetone each cell.
Not Spinning #705 Slipper
Cracked end Wt 8.046

6224 " " Wt 8.010

6222 " " Wt 7.966

3 | 24.022
8.007
5.60-

5.60-

6223 Dup 6220

21%, KOH, 3 grms Acetone
2 grms KOH, Ethanol
Not Spun #70 Flakes

Wt 7.967

6224 Cracked end Wt 7.992

6225

Wt 7.945

3|23904
7968
5.5776

6226 Dup 6220

15% NaOH, 3 grms acetone

Eaed ecce-

Hot Spring #7 Filaper

	Coff 7.599
6227	Coff 7.536
6228	Coff 7.580

3)22715
75723
5,3004

6229 Dup 6220

15% NaOH, 3 grms cacetone
2 grms L OH, each ccc
Hot Spinning # 7 Tube Wt 7.712

6230 Cracked end Wt 7.733

6231 Cracked end Wt 7.876

3 | 23321
7774
7
5.541 8

6232 Dup 6220

21% KOH, 3 grams formate Potash
Each cc dc
Not Sparing #70 Glatfelter Coat 7.934

6233 Coat 7.961

6234 Coat 7.931

3 | 23826
7942
7
5,3 594

6235 Dup 6220

21% KOH, 3 grms formate Parasa
2 grms LiOH zn-Cu cc CC
Not Sperm #70 Flukes
Cracked end COP 7.927

6236 " " COP 7.958

6237 " " COP 7.978

3 | 23863
7954
5.5678

6238 Dup 6220

21% KOH, 3 grms Ammonia
Each cc to C

Hot Spring #763 tube
Cracked and lost 7.947

6239 " " lost 7.897

6240 lost 7.903

3 | 23747
7916
7
5.5412

6241 Dup 6220

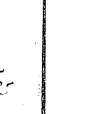
2 1/2 KOBr — 3 gms Ammonia

2 gms Lithium Enolate

1st Sparging = 7.5 labs

6242

6243 Cracked end.



6244

2845
6246

6247

6248

6249

6250 Dup 6220

21% ROH, 3 grms Acetamide
Each case —
Wet Spinning #70 Filglass
Cracked end Wt 7.896

6251 " " Wt 7.904

6252 Wt 7.907

$3\overline{)23707}$
$7902\frac{1}{3}$
$5,53^{1}4$

6253

21 Holes 005 1½ Spiral · 3½ coil 4 rungs No 2 groove

1 off 24 grooves —

10.5% KOH, 7.5% NaOH, 2.5% LiOH

Each cake —

Not Spring #70 Flake.

Lot 8.034

6254 Bracket end Lot 8.006

6255 — Lot 8.024

24064

8021

5.614

6256
Old Cells Nos 5575 5576 & 5577
With new Nickel tubes in Lake 6220
to run with the same iron & rubber
that is now in Cells Nos 33% KOH,

Not Sperry #70 Flake New Stipers spring marker
Lot 7.584

6257 Lot 7.713

6258 Lot 7.806

3 | 23103
7701
5,3907

6259 21 Hole .005 – 1½ spiral 3½ wt 4 rings
No 2 screw 10 flake 24 grms Two Tubes
assembled with one Reg Iron 5 grms.
Tubes not weighed – all mix to have
5 grms – like all same mix –
21% Run as Irons Cold + on hot test.

6260 ✓

6261

6262 Dup 6259
21% KOH – 2 grms LiOH E. coli

6263
6264 ✓

6265 Dup 6259
15% NaOH. 2 grms LiOH, each cell.

6266
6267

6268 Dup of 6259 —
15% NaOH, 3 grms LiOH Each cell

6269
6270

6271 Dup of 6259
15% NaOH. 3 grms Bromide of Calcium Each cell

6272
6273

6274 Dup of 6259
15% NaOH. 3 grms
Chloride Potassium - Each cell
6275
6276 ✓

6277 Dup of 6259
15% NaOH. 3 grms Bromide Sodium
Each cell.
6278
6279 ✓

6280 Dup 6259
15% NaOH. 3 grms Chloride
Sodium Each cell -
6281
6282 ✓ Light rings

6283 Dup 6259 –
21% KOH. 3 grms Bromide Potassium
Each c.c.C
6284
6285 Tight rings.

6286 Dup 6259
21% KOH, 3 grms Chloride Potassium
Each c.c.C
6287 Tight rings.
6288

6289 Dup 6259
21% KOH, 3 grms Bromide Sodium
6290 " Tight rings.
6291

6292 Dup of 6259
21% KOH. 3 grms Chloride Sodium
Each c.c.C
6293
6294 Tight rings.

6295 Dup 6259
21% KOH. 3 grms Chlorate Potash
Etched cell
6296
6297 tight rings

6298 Dup 6259
21% KOH. 3 grms Chlorate Sodium Etched cell
6299
6300 tight rings

6301 Dup 6259
15% NaOH. 3 grms Chlorate Polish Etched cell
6302
6303 tight rings

6304 Dup 6259
15% NaOH. 3 grms Chlorate Sodium Etched cell
6305
6306 tight rings

6307 Dup 6259
21% KOH, 300 milligrams Brimstone, one fourth 2 grams
LiOH, each cell
6308
6309 tight rings

6310 Dup 6259
15% NaOH, 300 Milligrams Brimstone, one fifth
2 grams LiOH, each cell
6311
6312 tight rings

6313 Dup 6259
21% KOH, 3 grams Fluoride Sodium
Each cell
6314
6315 tight rings

6316 Dup 6259
15% NaOH, 3 grams Fluoride Sodium
Each cell
6317
6318 tight rings

6319 - Dup 6259
21% KOH, 3 grms Borax — each cell
6320
6321
X tight rings

6322 Dup 6259
15% NaOH, 3 grms Borax — each cell
6323
6324
tight rings

6325 Dup 6259
21% KOH, 3 grms Nitrate Potash — each cell
6326
6327
X tight rings

6328 Dup 6259.
21% KOH, 3 grms Nitrate Soda — Each cell
6329
6330
tight rings

6331 Dep 6259
15% NaOH, 3 gr. Nitrate Potash each cell
6332
6333 slight rings

6334 Dep 6259
15% NaOH, 3 grms Nitrate Soda each cell
6335
6336 slight rings

6337 Dep 6259
21% KOH, 3 grms Meta stannate soda
Each cell
6338 Cannot Make the Metastan-
6339 nate of Soda
as it is Insoluble

6340 Dep 6259
15% NaOH. 3 grms Metastannate Soda
6341 Cannot Make
6342